

# COVIDonneur - SARS-CoV-2 seroprevalence study in the blood donor population

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## General

### Identification

Detailed name SARS-CoV-2 seroprevalence study in the blood donor population

Sign or acronym COVIDonneur

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation dossier RIPH : 20.04.28.41321

### General Aspects

Medical area Infectious diseases

Study in connection with Covid-19 Yes

Keywords blood donors, serology prevalence, SARS-CoV-2

### Scientific investigator(s) (Contact)

Name of the director Gallian

Surname Pierre

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Unit Emerging Viruses Units, 20-21 Boulevard Jean Moulin, 13005 Marseille

Organization French National Blood Service (EFS)

### Collaborations

### Funding

Funding status Public

Details	ANR funding
<b>Governance of the database</b>	
Sponsor(s) or organisation(s) responsible	French National Blood Service (EFS)
Organisation status	Public
Presence of scientific or steering committees	No
<b>Additional contact</b>	
Name of the contact	Bonneaudeau
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<b>Main features</b>	
<b>Type of database</b>	
Type of database	Study databases
Study databases (details)	Cohort study
<b>Database objective</b>	
Main objective	Estimate the seroprevalence of SARS-CoV-2 infection in the French blood donor population (18-70 years) in different geographical zones (mainland France and overseas departments), at different times in the epidemic, so as to model the progression of the epidemic
Inclusion criteria	Accepted blood donors aged 18 to 70 years. in the geographical zones of interest having agreed to the use of their samples for research  Plasma samples > 500 µL in volume
<b>Population type</b>	
Age	Adolescence (13 to 18 years) Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years)

Population covered	General population
Pathology	
Gender	Male Woman
Geography area	National
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	2020
Date of last collection (YYYY or MM/YYYY)	2021
<b>Size of the database</b>	
Size of the database (number of individuals)	[10 000-20 000[ individuals
<b>Data</b>	
Database activity	Current data collection
Type of data collected	Biological data Administrative data
Presence of a biobank	Yes
Contents of biobank	Plasma
<b>Procedures</b>	
Followed pathology	
Links to administrative sources	No
<b>Promotion and access</b>	
<b>Promotion</b>	
Link to the document	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7362788/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7362788/</a>
Description	Lower prevalence of antibodies neutralizing SARS-CoV-2 in group O French blood donors. Gallian P, Pastorino B, Morel P, Chiaroni J, Ninove L, de Lamballerie X. Antiviral Res. 2020 Sep;181:104880

